

228-638

5/14/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 WASHINGTON, DC 20460

OFFICE OF
 CHEMICAL SAFETY AND
 POLLUTION PREVENTION

MAY 14 2014

Carrie M. Tackema
 Nufarm Americas Inc.
 14020 Aerial Center Parkway, Suite 101
 Morrisville, NC 27560

Subject: Addition of marketing claims
 Submission date: 4/22/2014

Dear Ms. Tackema,

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Registration Division has conducted a review of these requests for their applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10.

The Agency acknowledges the addition of the following optional marketing claims to all of the labels identified in the table below:

- "Nufarm Grow a better tomorrow"
- "Grow a better tomorrow"

Chemical Name	EPA Reg. No.	Decision Number
Nufarm Propiconazole SPC 14.3MEC Fungicide	228-623	490872
Nufarm Propiconazole SPC EC Fungicide	228-633	490873
Nufarm T-Methyl SPC 4.5F Fungicide	228-626	490876
Nufarm T-Methyl SPC GC Fungicide	228-631	490877
Nufarm TM + CTN SPC 66.6 WDG Fungicide	228-638	490705

The labels submitted with the applications have been stamped "Notification" and will be placed in our records. If you have questions concerning this letter, please contact Lindsay Roe at roe.lindsay@epa.gov or 703-347-0506.

Sincerely,

A handwritten signature in black ink that reads "Shaja Joyner".

Shaja Joyner
 Product Manager 20
 Fungicide Branch
 Registration Division (7505P)



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+1 919.467.5923
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560
www.nufarm.com

Via Courier Delivery

April 22, 2014

Ms. Shaja Joyner, PM#20
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

RE: NOTIFICATION(s) per PRN 98-10

Nufarm Propiconazole SPC 14.3 MEC	EPA Reg. No. 228-623
Nufarm Propiconazole SPC EC	EPA Reg. No. 228-633
Nufarm T-Methyl SPC 4.5F	EPA Reg. No. 228-626
Nufarm T-Methyl SPC GC	EPA Reg. No. 228-631
Nufarm TM+CTN SPC 66.6 WDG	EPA Reg. No. 228-638

Dear Ms. Joyner:

Enclosed please find five (5) application(s) for pesticide registration – NOTIFICATION for the above-referenced product(s). The purpose of these NOTIFICATION(s) is to include two (2) optional marketing claims:

Nufarm Grow a better tomorrow
Grow a better tomorrow

These NOTIFICATION(s) are consistent with PRN 98-10; specifically, II N. In support of these NOTIFICATION(s) enclosed are the following:

- EPA form 8570-1 Application for Pesticide Registration – NOTIFICATION;
- Label certification; and
- Proposed product labeling in PDF format on CD-rom.

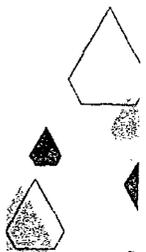
Please contact me at directly at (919) 379-2528 or by email at carrie.tackema@us.nufarm.com if you have any questions regarding this action.

Sincerely,



Carrie M. Tackema
Regulatory Manager

Enclosure(s)



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Nufarm TM + CTN SPC 66.6 WDG Fungicide

ACTIVE INGREDIENTS:

Chlorothalonil: 50.00%
Thiophanate-methyl: 16.66%

OTHER INGREDIENTS: 33.34%

TOTAL: 100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

SEE INSIDE LABEL BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

**For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840**

NOTIFICATION

MAY 14 2014

[Nufarm: Grow a better tomorrow]
[Grow a better tomorrow]

EPA REG. No. 228-638
EPA Est. No. 37429-GA-002

Manufactured For
Nufarm Americas Inc.
11901 S. Austin Avenue
Alsip, IL 60803



Net Weight: _____ Lbs. (_____ Kg)

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER / PELIGRO

Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are: barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC), and viton. If you want more options, follow the instructions for Category A on EPA chemical resistance category selection chart.

Mixers, loaders, applicators and all other handlers must wear:

- Protective eyewear (faceshield or goggles)
- Long-sleeved shirt and long pants
- Shoes plus socks

In addition, chemical-resistant gloves made out of any waterproof material must be worn by:

- 1) mixers/loaders,
- 2) other handlers exposed to the concentrate,
- 3) cleaners/repairers of equipment,
- 4) applicators using airblast equipment for golf course applications,
- 5) and applicators using handheld equipment

In addition, a NIOSH-approved respirator with any R, P, N or HE filter must be worn by applicators and other handlers in enclosed areas, such as a greenhouse.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENGINEERING CONTROLS

When handlers use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (877) 325-1840 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates and wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This chemical can contaminate surface water through spray drift. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protection equipment (PPE), and restricted entry interval. The requirements in this box only apply to use of this product covered by the worker protection standard.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

Do not enter or allow worker entry into treated areas during the restricted entry level (REI) or 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard that involves contact with anything that has been treated such as plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposures.

Special Eye Irritation Provisions: This product is a severe eye irritant. Although the restricted entry interval (REI) expires after 12 hours, for the next 6 ½ days entry is permitted only when the following safety measures are provided:

1. At least one container designed specifically for flushing eyes must be available in operating condition at the WPS required decontamination site intended for workers entering the treated area.
2. Workers must be informed, in a manner they can understand;
 - a) Residues in the treated area are highly irritating to their eyes.
 - b) That they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes.
 - c) That if they do get residues in their eyes, they should immediately flush their eyes using the eye flush container that is located at the decontamination site or using other readily available clean water.
 - d) How to operate the eyeflush container.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter the treated area until sprays have dried.

General Information

This product is a formulation of two chemicals that provides broad spectrum contact and systemic disease control on golf courses and ornamental turfgrass as well as on ornamental plants, shrubs and trees when used according to the directions on this label.

Use Precautions

- Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e., elementary, middle and high schools), campgrounds, churches, and theme parks.
- Do NOT graze treated areas.

- Do NOT feed clippings to livestock or poultry.
- Do NOT apply this product through any type of irrigation system.
- Do NOT apply within 150 ft. (for air-blast) or 25 ft (for ground applications) of marine / estuarine water bodies unless there is an untreated buffer area of that width between the area to be treated and the body of water.

General Mixing and Application Instructions

1. Add the specified amount of this product to the spray tank while filling with water.
2. Maintain continuous agitation when filling the spray tank and during spray operations.
3. For best disease control results, thorough and uniform coverage of the plant surfaces is essential.

NOTE: Do not tank mix this product with surfactants, fertilizers, and / or other pesticides unless prior use has shown the combination to be physically compatible, effective and non-injurious under your conditions of use.

Lawns and Ornamental Turf

Note: Not for homeowner use. For use only by certified applicators or those under their immediate supervision. Not for use on turf being grown for sale or commercial use as sod. Do not apply with fixed wing or rotary aircraft.

Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e., elementary, middle and high schools), campgrounds, churches, and theme parks.

This product will control many turf diseases when used at proper rates and timing as indicated in the table below. Begin applications when conditions favor disease development and repeat applications for as long as these conditions persist. Under severe disease conditions, use the highest rate and shortest interval corresponding with the application schedule below.

Disease	Application Interval	Application Rate (per Acre)*
Sclerotinia dollar spot Helminthosporium leaf spot	14 to 21 days	8.25 to 10 lb product
Rhizoctonia brown patch	14 days	
*Do not exceed the maximum seasonal application rate of 52 lb of this product per acre. This equates to 26 lb chlorothalonil a.i. and 8.66 lb thiophanate-methyl a.i. per acre.		

Golf Courses (Tees, Greens, and Ornamental Turf)

This product is fungistatic to many diseases including *Pythium* spp. and for best results, applications should be made using the preventive rates listed below prior to disease development. This product should always be used in conjunction with good turf management practices and programs.

Use Precautions

- After application, do NOT mow or water until spray deposit on turfgrass is thoroughly dry.
- Do not graze animals on treated turf.
- Do not feed clippings to livestock or poultry.
- Do not apply with fixed wing or rotary aircraft.

Refer to the following table for maximum application rates for this product.

Use Site	Max. Seasonal Application Rate		Max. Individual Application Rate	
	Lb Product / Acre	Oz. Product / 1000 sq. ft.	Lb Product / Acre	Oz. Product / 1000 sq. ft.
Greens	130.9	48.08	22.6	8.3
Tees	104	38.2		
Fairways (Except Florida) ¹	32.7	12.0		
Fairways (Florida)	16.3	6.0	16.3	6.0
Public Turf Areas ²	52	19.1		

¹ Make only one application at the maximum application rate.

² Maximum of four applications per season.

Mix the specified amount of this product in an adequate amount of water to provide complete coverage (from 2 to 10 gallons per 1000 sq. ft.). Applications should be made using 14-21 day intervals as indicated in the table below. For severe disease pressure, use the highest specified rate and the shortest application interval listed. **Note:** Do NOT apply at less than a 14-day interval.

NOTE: The rates and timings will vary with disease conditions and grass vigor / growth.

Disease(s) Controlled	Application Interval (days)	Application Rate (oz. product / 1000 sq. ft.)	
		Preventive	Curative
Anthracnose	14	2 to 4	4 to 8
Copper spot	14	3 to 5	4 to 8
Dollar spot	14 to 21	2 to 4	4 to 8
Gray leaf spot	14	2 to 4	4 to 8
Helminthosporium melting out and Leaf spot	14	2 to 4	4 to 8
Large brown patch	14 to 21	2 to 4	4 to 8
Red thread	14	3 to 5	4 to 8
Stem rust of Bluegrass	14	3 to 5	4 to 8
Mildew, powdery	14	2 to 4	4 to 8
Mildew, downy	14	2 to 4	4 to 8
Gray snow mold (<i>Typhula</i> spp.) Pink snow mold (<i>Fusarium</i> spp.)	*	6 to 8	6 to 8

*Apply in Fall, prior to snow cover. One application has given excellent control throughout the winter.

Ornamentals

Use this product in greenhouses. Apply this product at a rate of 0.75 - 1.5 pounds per 100 gallons of water unless otherwise indicated in the table below. Do not apply with fixed wing or rotary aircraft. Do not use fruit or nuts from treated trees as food or feed.

Disease	Application Rate (lb product / 100 gallons)	Instructions
Cedar apple rust - Crabapple	1.5	Make first application at spring bud break. Repeat every 10 to 14 days as needed.
Ovulinia blight - Azalea & Rhododendron	1 to 1.5	Make first application as flowers open. Repeat every 4 to 6 days as needed.
Anthracnose - Shade trees & Woody ornamentals	1	Make first application at bud break. Repeat every 7 to 10 days as needed. Do NOT exceed 4 applications per year.
Ascochyta blight of Chrysanthemum and Iris (<i>Ascochyta</i> spp.) Black spot of Rose (<i>Diplocarpon Roshe</i>) Botrytis flower blight of Geranium, Rose, & Petunia (<i>Botrytis</i> spp.) Scab of Pyracantha and Flowering crab (<i>Fusicladium</i> spp. and <i>Venturia</i> spp.) Leaf blight of Gladiolus (<i>Curvularia</i> spp.) Corynespora leafspot of Ligustrum (<i>Corynespora</i> spp.) Iris leafspot (<i>Didymellina</i> spp.) Mildew, powdery Mildew, downey	0.75 to 1	Repeat applications every 7 to 10 days as needed while conditions for the disease are favorable.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a dry secured area unavailable to unauthorized persons.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

[Nonrefillable Bags]

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and local authorities by burning. If burned, stay out of smoke.

[Nonrefillable Containers 50 lbs or Less]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

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[Nonrefillable Containers Larger than 50 lbs]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Fiber Drums with Liners]

Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling, if available, or dispose of liner in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

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